

**Automated device and method for measuring and identifying molecules or fragments thereof**

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**Abstract**

The device combines a pipette system with a three-dimensional manipulation system and an optical measurement system. Both systems are controlled by a computer for automatic take-up and release of liquids. The pipette can be replaced automatically and its successor installed in the same position with a precision preferably of at least plus or minus 0.1 mm. The apparatus is equipped with a camera, and the optical measurement system includes an inverted or upright microscope stand.

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